

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 7

**Complete if Known**

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
SC	1	US-5295261	03-15-1994	Simonetti	
SC	2	US-5404513	04-04-1995	Powers et al.	
SC	3	US-5467471	11-14-1995	Bader	
SC	4	US-5680614	10-21-1997	Bakuya et al.	
SC	5	US-5724577	03-03-1998	Exley et al.	
SC	6	US-5734887	03-31-1998	Kingberg et al.	
SC	7	US-5987506	11-16-1999	Carter et al.	
SC	8	US-5964407	10-12-1999	Sandkleiva	
SC	9	US-5974407	10-26-1999	Sacks	
SC	10	US-6038563	03-14-1999	Bapat et al.	
SC	11	US-6055544	04-25-2000	DeRose et al.	
SC	12	US-6061684	05-09-2000	Glasser et al.	
SC	13	US-6085198	07-04-2000	Skinner et al.	
SC	14	US-6128610	10-03-2000	Srinivasan et al.	
SC	15	US-6141655	10-31-2000	Johnson et al.	
SC	16	US-6154741	11-28-2000	Feldman	
SC	17	US-6199195 B1	03-06-2001	Goodwin et al.	
SC	18	US-6208993 B1	03-27-2001	Shadmon	
SC	19	US-6236988 B1	05-22-2001	Aldred	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	<del>20</del>	<del>JP 00 210142</del>	<del>10 01 1996</del>	<del>Hitachi LTD.</del>		
	<del>21</del>	<del>JP 2-165353</del>	<del>06-26-1990</del>	<del>Fujitsu LTD.</del>		
	<del>22</del>	<del>JP 6-249139</del>	<del>06-27-1996</del>	<del>Fujitsu LTD.</del>		

Examiner's  
Signature

/Srirama Channavajjala/

Date  
Considered

02/12/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 7

**Complete if Known**

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SC	23	US-6263332 B1	07-17-2001	Nasr et al.	
SC	24	US-6269380 B1	07-31-2001	Terry et al.	
SC	25	US-6279006 B1	08-21-2001	Shigemi et al.	
SC	26	US-6279007 B1	08-21-2001	Uppala	
SC	27	US-6298349 B1	10-02-2001	Toyoshima et al.	
SC	28	US-6343287 B1	01-29-2002	Kumar et al.	
SC	29	US-6356920 B1	03-12-2002	Vandersluis	
SC	30	US-6366934 B1	04-02-2002	Cheng et al.	
SC	31	US-6370537 B1	04-09-2002	Gilbert et al.	
SC	32	US-6470344 B1	10-22-2002	Kothuri et al.	
SC	33	US-6470494 B1	10-22-2002	Chan et al.	
SC	34	US-6487546 B1	11-26-2002	Witkowski	
SC	35	US-6496842 B1	12-17-2002	Lyness	
SC	36	US-6542911 B2	04-01-2003	Chakraborty et al.	
SC	37	US-6571231 B2	05-27-2003	Sedlar	
SC	38	US-6604100 B1	08-05-2003	Fernandez et al.	
SC	39	US-6636845 B1	10-21-2003	Chau et al.	
SC	40	US-6675230 B1	01-06-2004	Lewallen	
SC	41	US-6718322 B1	04-06-2004	Brye	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
SC	42	WO 00/049533	08-24-2000	Oracle Corporation		

Examiner's  
Signature

/Srirama Channavajjala/

Date  
Considered

02/12/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 7

**Complete if Known**

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SC	43	US-6725212 B1	04-20-2004	Couch et al.	
SC	44	US-6754661 B1	06-22-2004	Hallin et al.	
SC	45	US-6772180 B1	08-03-2004	Li et al.	
SC	46	US-6772350 B1	08-03-2004	Belani et al.	
SC	47	US-6785673 B1	08-31-2004	Fernandez et al.	
SC	48	US-6826568 B2	11-30-2004	Bernstein et al.	
SC	49	US-6836778 B1	12-28-2004	Manikutty et al.	
SC	50	US-6915307 B1	07-05-2005	Mattis et al.	
SC	51	US-6941511 B1	09-06-2005	Hind et al.	
SC	52	US-6964025 B2	11-08-2005	Angiulo et al.	
SC	53	US-7024425 B2	04-04-2006	Krishnaprasad et al.	
SC	54	US-7031956 B1	04-18-2006	Lee et al.	
SC	55	US-7036072 B1	04-25-2006	Sulisito et al.	
SC	56	US-7096224 B2	08-22-2006	Murthy et al.	
SC	57	US-2002/0007363 A1	01-17-2002	Vaitzblit	
SC	58	US-2002/0087510 A1	07-04-2002	Weinberg et al.	
SC	59	US-2002/0029229 A1	03-07-2002	Jakopac et al.	
SC	60	US-2002/0147763 A1	10-10-2002	Lee et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
SC	61	WO 01/042881 A2	06-14-2001	B-Bop Associates, Inc.		

Examiner's  
Signature

/Srirama Channavajjala/

Date  
Considered

02/12/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 7

**Complete if Known**

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SC	62	US-2002/0184401 A1	12-05-2002	Kadel Jr. et al.	
SC	63	US-2003/0004937 A1	01-02-2003	Salmenkaita et al.	
SC	64	US-2003/0009361 A1	01-09-2003	Hancock et al.	
SC	65	US-2003/0065659 A1	04-03-2003	Agarwal et al.	
SC	66	US-2003/0093672 A1	05-15-2003	Cichowlas	
SC	67	US-2003/0101194 A1	05-29-2003	Rys et al.	
SC	68	US-2003/0120665 A1	06-26-2003	Fox et al.	
SC	69	US-2003/0154204 A1	08-14-2003	Chen-Wright et al.	
SC	70	US-2003/0172135 A1	09-11-2003	Bobick et al.	
SC	71	US-2003/0182624 A1	09-25-2003	Large	
SC	72	US-2003/0204787 A1	10-30-2003	Bartucca et al.	
SC	73	US-2004/0015936 A1	01-22-2004	Susarla et al.	
SC	74	US-2004/0043758 A1	03-04-2004	Sorvari et al.	
SC	75	US-2004/0064466 A1	04-01-2004	Manicutty et al.	
SC	76	US-2004/0117359 A1	06-17-2004	Snodgrass et al.	
SC	77	US-2004/0176958 A1	09-09-2004	Salmenkaita et al.	
SC	78	US-2004/0220912 A1	11-04-2004	Manikutty et al.	
SC	79	US-2004/0220927 A1	11-04-2004	Murthy et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
SC	80	WO 01/059602 A1	08-16-2001	Acta Technologies, Inc.		

Examiner's  
Signature

/Srirama Channavajjala/

Date  
Considered

02/12/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A-PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/718,823
				Filing Date	November 21, 2003
				First Named Inventor	Namit JAIN
				Art Unit	2166
				Examiner Name	Channavajjala, Sriama T.
				Attorney Docket Number	OI7035742001
Sheet	5	of	7		

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)				
SC	90	WO 01/061566 A1	08-23-2001	Verizon Laboratories, Inc.		

Examiner's Signature	/Srirama Channavajjala/	Date Considered	02/12/2007
-------------------------	-------------------------	--------------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **6** of **7****Complete if Known**

<b>Application Number</b>	<b>10/718,823</b>
<b>Filing Date</b>	<b>November 21, 2003</b>
<b>First Named Inventor</b>	<b>Namit JAIN</b>
<b>Art Unit</b>	<b>2166</b>
<b>Examiner Name</b>	<b>Channavajjala, Sriama T.</b>
<b>Attorney Docket Number</b>	<b>OI7035742001</b>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	91	"10.1. What is the Direct Path?" from Oracle SQL*Loader: The Definitive Guide. Published by O'Reilly & Associates, 2001	
	92	"Conventional and Direct Path Loads" from Oracle 9i Database Utilities Release 2. Copyright 2002 Oracle Corporation. Available online at <a href="http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm">http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm</a>	
	93	"Java programming dynamics, Part 2: Introducing reflection" by Dennis Sosnoski. Published 3 June 2003. Available online at <a href="http://www-128.ibm.com/developerworks/library/j-dyn0603/">http://www-128.ibm.com/developerworks/library/j-dyn0603/</a>	
	94	"Objects, Collections, and OPAQUE Types" from Oracle9i SQLJ Developer's Guide and Reference Release 2 (9.2). Copyright 1999, 2002. Available online at <a href="http://www.ic.leidenuniv.nl/course/oracle/java.920/a96655/objcoll.htm">http://www.ic.leidenuniv.nl/course/oracle/java.920/a96655/objcoll.htm</a>	
	95	"SerialJavaObject (Java 2 Platform SE 5.0)", available online at <a href="http://java.sun.com/j2se/1.5.0/docs/api/javax/sql/rowset/serial/SerialJavaObject.html">http://java.sun.com/j2se/1.5.0/docs/api/javax/sql/rowset/serial/SerialJavaObject.html</a> . Accessed April 8, 2006. Copyright 2004 Sun Microsystems	
	96	"Using Java Reflection" by Glen McCluskey. Published January 1998. Available online at <a href="http://java.sun.com/developer/technicalArticles/ALT/Reflection/">http://java.sun.com/developer/technicalArticles/ALT/Reflection/</a>	
	97	CHEN, R-S, et al. "Developing an XML Framework for Metadata System" Trinity College, Dublin, Proceedings of the 1st Int'l Symposium on Information and Communication, pp. 267-272	
	98	HIGGINS, S., Oracle Corporation, "Oracle9i, XML Database Developer's Guide - Oracle XML DB" Release 2 (9.2), October, 2002, Part No. A96620-02, p. 1-1,044	
	99	INFORMIX CORPORATION "Universal Data Option for Informix Dynamic Server", 1998, 8 pages	
	100	IPEDO, Inc., "Ipedo XML Database 3.1: Developer's Guide" 2001, XP-002306148, 12 pages	
	101	LI, X. "A Survey of Schema Evolution in Object-Oriented Databases" IEEE, 1999, pp. 362-371	
	102	MANOLESCU, D., Review of "Metadata solutions: using metamodels, repositories, XML, and enterprise portals to generate information on demand by Adrienne Tannebaum", ACM Press, March, 2003, Vol. 28, Issue 2, page 38	
	103	ORACLE "Conventional and Direct Path Loads" Chapter 9 of Oracle 9i Database Utilities - Release 2 (9.2), Copyright 2002 Oracle Corporation, 29 pages	
	104	PARKERSON, C. "Ipedo XML Database 3.1 Now Available" July 22, 2002, XP-002306149, pp. 1-2	
	105	RASHID, A. "A Framework for Customisable Schema Evolution in Object-Oriented Databases" Proceedings of the 7th Int'l Database Engineering and Applications Symposium (IDEAS'03), IEEE, 2003, 5 pages	
	106	RIGGS, R. et al. "Pickling State in the Java™ System" XP002128178, 10 pages	

Examiner's  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

7

of

7

**Complete if Known**

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	107	<del>SU, H. et al. "XEM: XML Evolution Management" January, 2003, XP 002306151, pp. 1-32</del>	
	108	TÜRKER, C., "Schema Evolution in SQL-99 and Commercial (Object-) Relational DBMS" 9th Int'l Workshop on Foundations of Models and Languages for Data and Objects Fomlado/Demm 2000, September 18, 2000, XP-002306150, pp. 1-32	
	109	<del>WANG, Y. et al. "X-Diff: An Effective Change Detection Algorithm for XML Documents" Proceedings of the 19th Int'l Conference on Data Engineering (ICDE'03), IEEE, 2003, pp. 519-530</del>	
SC	110	BOURRET, R. et al. "A Generic Load/Extract Utility for Data Transfer Between XML Documents and Relational Databases" Proceedings for the 2nd Int'l Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems, IEEE Computing Society, June 8-9, 2000, pp. 134-143	
SC	111	BRAGA, D. et al. "A Graphical Environment to Query XML Data with XQuery" Proceedings of the Fourth International Conference on Web Information Systems Engineering (WISE'03), IEEE, 2003, 10 pages	
SC	112	CHENG, J. et al. "IBM DB2 XML Extender, An end-to-end solution for storing and retrieving XML documents" IEEE, ICDE'00 Conference, San Diego, CA, Feb. 2000, 128 pages	
SC	113	JAJODIA, S. et al. "Toward a Multilevel Secure Relational Data Model" ACM, 8393 SIGMOD Record, June 20, 1991, XP 000364619, No. 2, pp. 50-59	
SC	114	MI-OK, C. et al. "Design and Implementation of an Object-Oriented Multimedia DBMS Tightly Coupled with Information Retrieval Functions" Proceedings of the 17th IASTED Int'l Conference on Applied Informatics (AI'99), Innsbruck, Austria, Feb. 15-18, 1999, abstract	
SC	115	NOSER, H. et al. "Dynamic 3D Visualization of Database-Defined Tree Structures on the WWW by Using Rewriting Systems", IEEE, 2000, XP-002262516, pp. 247-254	
SC	116	PENG, F. et al. "XPath Queries on Streaming Data" Proceedings of the 2003 ACM SIGMOD Int'l Conference on Management of Data (SIGMOD 2003), San Diego, CA, June 9-12, 2003, pp. 431-442	
SC	117	SHANMUGASUNDARAM, J. et al. "Querying XML Views of Relational Data" Proceedings of the 27th Very Large Databases Conference, Rome, Italy, September, 2001, pp. 261-270	
SC	118	VION-DURY, J-Y. "XPath on Left and Right Side of Rules: Toward Compact XML Tree Rewriting through Node Patterns" Proceedings of the 2003 ACM Symposium on Document Engineering, Grenoble, France, November 20-22, 2003, ACM Press, pp. 19-25	
SC	119	VORTHMANN, S. "Beyond Schemas, Schema Adjuncts and the Outside World" Markup Languages, Online!, June, 2000, Vol. 2, No. 3, pp. 1-8	

Examiner's  
Signature

/Srirama Channavajjala/

Date  
Considered

02/12/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.